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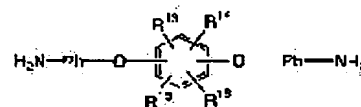
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(54) METHOD FOR PRODUCING AROMATIC POLYAMINE AND AROMATIC DIAMINE COMPOUND

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a method for producing an aromatic diamine having a cis-conjugated dienyl group or phenyl group in high yield by reduction reaction under mild conditions from the corresponding aromatic polynitro compound and a new aromatic diamine compound.

SOLUTION: This method for producing an aromatic polyamine having at least two amino groups comprises reducing an aromatic polynitro compound having at least two nitro groups by indium metal in the presence of an aqueous solution of a quaternary ammonium salt in a aprotic polar solvent. This aromatic diamine compound is represented by the following formula [3] (wherein either one of R¹³, R¹⁴, R¹⁵ and R¹⁶ is a monovalent organic group containing a cis-conjugated dienyl group or phenyl group and the others are each hydrogen, a 1-20C alkyl group or 1-20C alkoxy group; Ph is phenylene group).



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